

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A biochip comprising a large number plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, each said capture material ~~being adapted to~~ for specifically react reacting with a specimen ~~and to~~ provide information about a structure within the specimen, wherein: ~~a~~ the plurality of said spots, ~~which~~ have different spot sizes, are formed on said base plate, ~~wherein~~ and all of said spots have uniform detection sensitivity.
2. (Currently Amended) A biochip according to claim 1, wherein at least some of said plurality of spots are formed from the same capture solution.
3. (Currently Amended) A biochip comprising a large number plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, each said capture material ~~being adapted to~~ for specifically react reacting with a specimen ~~and to~~ provide information about a structure within the specimen, wherein:
~~a~~ the plurality of said spots are formed in which the ~~concentration~~ have varying concentrations of the capture material in the capture solution varies from spot to spot, ~~wherein~~ and all of said spots have uniform detection sensitivity.
4. (Currently Amended) A biochip according to claim 3, wherein at least some of said plurality of spots are formed from the same capture solution.
5. (Original) A biochip according to claim 1, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate

after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

6. (Original) A biochip according to claim 2, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

7. (Original) A biochip according to claim 3, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

8. (Original) A biochip according to claim 4, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

9. (Original) A biochip according to claim 1, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

10. (Original) A biochip according to claim 2, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

11. (Original) A biochip according to claim 3, wherein said spots are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate

after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

12. (Original) A biochip according to claim 4, wherein said spots containing are formed using the ink-jet system, wherein said capture solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

13. (Currently Amended) A biochip comprising a large number plurality of spots of capture material arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of capture solutions, each said capture material being adapted to for specifically react reacting with a specimen and to provide information about a structure within the specimen,
wherein: a- the plurality of said spots are formed in which the concentration have varying concentrations of the capture material in the capture solution varies from spot to spot, wherein and all of said spots have uniform detection sensitivity, and
wherein said base plate comprises glass.